

SYSTEM AND METHOD FOR EXECUTING WIRELESS COMMUNICATIONS DEVICE DYNAMIC INSTRUCTION SETS

ABSTRACT OF THE INVENTION

5 A system and method are provided for executing dynamic
instruction sets in a wireless communications device. The method
comprises: forming the system software into symbol libraries, each
symbol library comprising symbols having related functionality;
arranging the symbol libraries into code sections in a code storage
10 section nonvolatile memory; executing system software; receiving a
patch manager run time instruction (PMRTI) or dynamic instruction
sets, including conditional operation code and data items, in a file
system section nonvolatile memory; calling a run-time library from a
first code section; processing the patch manager run time instruction
15 operation code; operating on system data and system software; and,
in response to operating on the system data and system software,
controlling the execution of the system software.

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